

acylated cysteine in position 29 followed by the amino acid sequence Trp Asp Lys Glu, and does not have a C-terminal homoserine lactone.

*A3*

11. (Amended) An isolated immunogenic protein having an amino acid sequence as depicted in SEQ ID NO: 2, or a fragment of the immunogenic protein, wherein the immunogenic protein does not have a fatty acid acylated cysteine followed by the amino acid sequence Trp Asp Lys Glu, and does not have a C-terminal homoserine lactone.